

SCM2 Rotating Probe Drawing  
 36mm 3He rotator W/ dual  
 16 pin DIP socket sample holder.  
 SCM2 20T 52 mm bore



To MDC linear motion  
 Feedthru part#: K075-BLM-4

Scale=1:5

4K heat-sink

32 pin SIP connector  
 for twisted pairs

1/4" SS tubing

Brass tube coupler

3/8" SS tubing

BeCu spring, 0.015" O.D. wire,  
 3" long free length.

Tube (brass or SS) to encase  
 spring and prevent  
 it from snagging on wires or  
 other  
 services during movement.

SS Drive shaft  
 1/8" thinwall stainless

Kevlar fishing line (nom. 15  
 lb. test)  
 is run through small dia.  
 teflon tubing at  
 these points to prevent  
 snagging

Kevlar Fishing Line

Kevlar fishing line is run through small dia.  
 teflon tubing at these points to prevent snagging

Field  
 Center

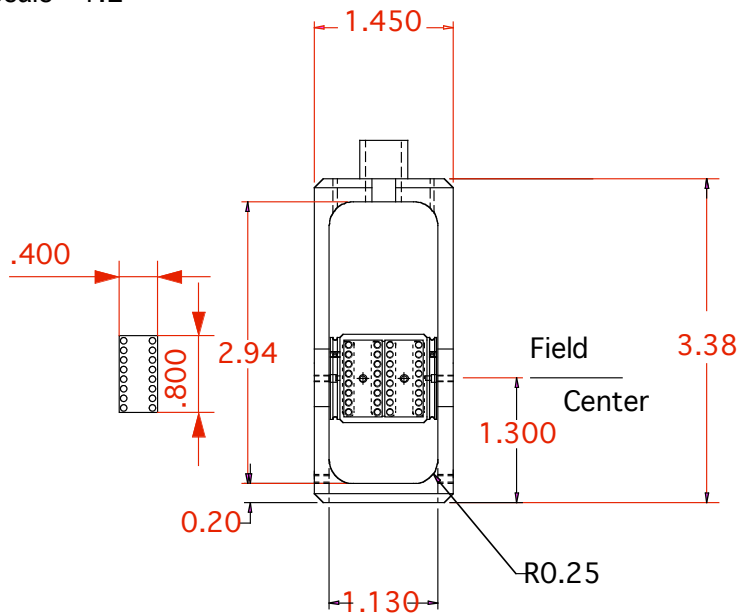
1.450

1.300

20.900

27.314

Scale= 1:2



Wiring Available:

16 twisted pair  
 4 S1 coax